



Model: C200P

2-in-1 Gigabit VPN Router / AP Controller

with 4 PoE+ Ports



4 PoE+ Ports	55W Power Supply	 Business Solution
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[Datasheet](#)



USB 3.0

Reset Button

4×Gigabit LAN (PoE)

1×Gigabit WAN

Highlights

A Gigabit router working as the controller of Cudy Access Points in whole-home Wi-Fi demands, featuring four PoE outputs and Cudy Mesh features.

- 4× GbE with 802.3at/af Mode A PoE
- 1× Gigabit Ethernet Port
- 1× USB 3.0 Port
- 55W Power Supply
- Captive Portal, Radius Server
- Cudy Mesh, VPN Server and Client

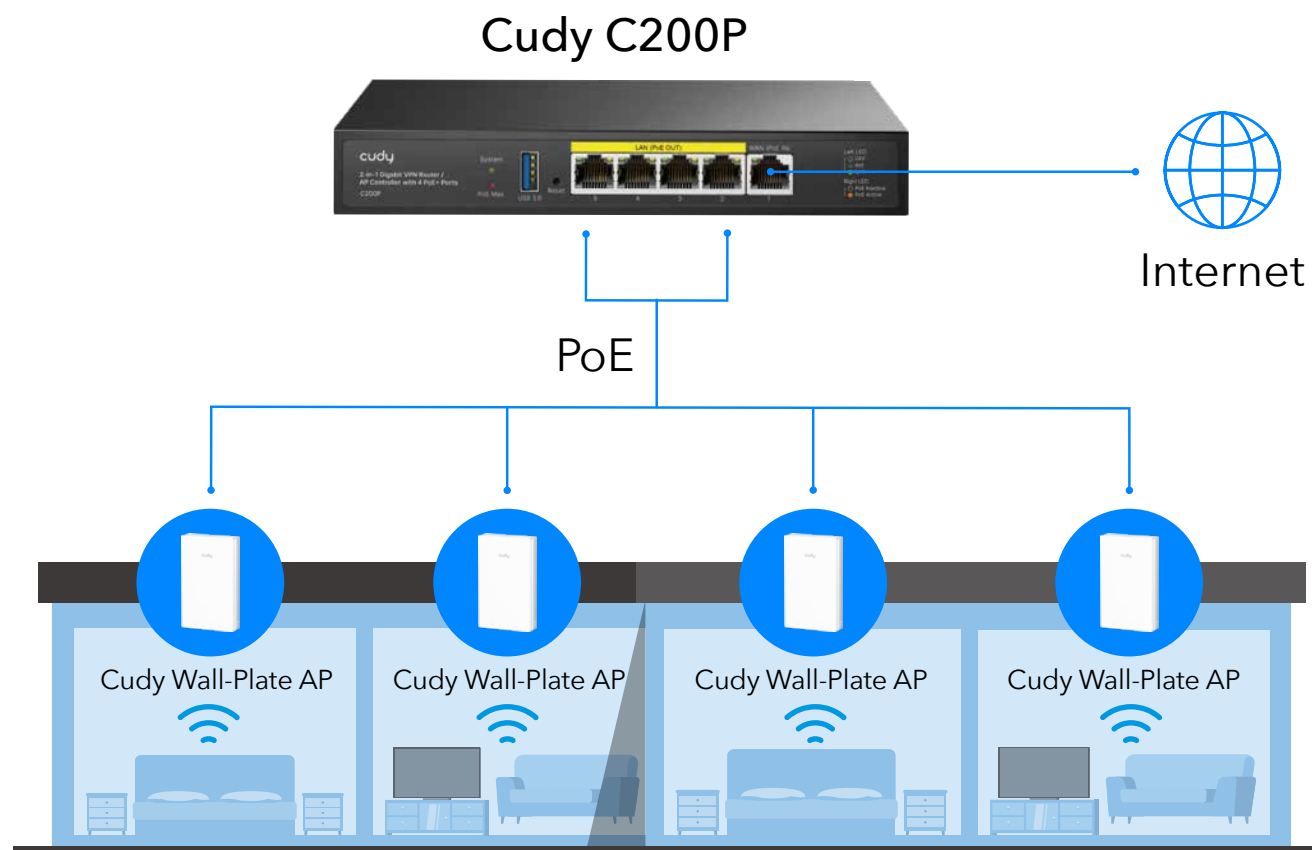
Package Content

- C200P
- Power Adapter
- Ethernet Cable
- Installation Guide
- Mounting Kit



Versatile 2-in-1 Router/AP Controller

C200P combines the functionality of router and AP controller, enabling centralized management of multiple APs and streamlining network topology. It can also be used solely as AP controller to accommodate diverse networking needs.



Centralized Network Management

Provide centralized control for Cudy Access Points through a unified management interface.



Quick Setup



AP Management



Multi-SSID



Captive Portal

Compatible with Cudy APs

Connect with multiple Cudy Access Points to build a wireless network, providing seamless roaming across your home/office.

Cudy Access Points



Wall-Plate



Ceiling-Mount



Outdoor



Desktop



Hardware Specs

Model Version	C200P 1.0	
CPU	Chipset	MT7621A
	CPU Details	880 MHz Dual-Core
Memory/Storage	Flash/ROM	16 MB (128 Mbit) NOR
	DDR/RAM	256 MB (2 Gbit) DDR3
Interfaces	Gigabit RJ45 Ports	5
	Gigabit RJ45 PoE Ports	#1~#4
	Max Power on a Single PoE Ports	30W
	PoE Ports Notes	The PoE ports comply with IEEE 802.3at/af standards.
	Ethernet Notes	1×WAN Port, 4× LAN Ports
	USB-A 3.0 Ports	1
	LED	<ul style="list-style-type: none">• System• PoE Max Status• Link/ACT/PoE Status of Each PoE Port
	Physical Buttons	Reset Button
	Power Input	DC Jack
	Power	Power Methods
DC		54V 1.11A
Passive PoE		24/48V
Power Adapter		Input: 100 ~ 240 V, 50 Hz AC Output: 54V 1.11A DC

	Max Power Consumption (W)	Total: 60W PoE: 55W PoE (when USB Device is plugged in): 50W No PoE: 5W
	Idle Power Consumption (W)	2W
Reliability	EMS	IEC/EN 61000-4-2, Level 3 ESD: Contact: 6kV; Air: 8kV
	Environment	Operating Temperature: 0 °C ~ 40 °C (32 °F ~104 °F) Storage Temperature: -40 °C ~ 70 °C (-40 °F ~ 158 °F) Operating Humidity: 5% ~ 95% non-condensing Storage Humidity: 0% ~ 100% non-condensing
	Grounding Methods	Grounding Point
	Certifications	FCC, CE
Mechanical	Installation	<ul style="list-style-type: none">• Desktop• Wall-mount
	Casing Material	Metal
	Dimension	190×100×28 mm 7.48×3.94×1.1 inches
Package Content	<ul style="list-style-type: none">• C200P• Power Adapter• Ethernet Cable• Installation Guide• Mounting Kit	



Software Specs

Model Version	C200P 1.0		
General	WAN Mode	<ul style="list-style-type: none">• DHCP	
		<ul style="list-style-type: none">• Static IP• PPPOE	
	Max Concurrent Sessions	25000	
Network	QoS	Rate Limiting	
	DHCP	<ul style="list-style-type: none">• Address Reservation• DHCP Client List• Server	
		IP Versions	IPv4/IPv6
		IPv6 Protocols	<ul style="list-style-type: none">• Relay• Dynamic (SLAAC/DHCPv6)• Static (Fixed IP)• Passthrough• 464XLAT• MAP-E• DS-Lite
	TTL Customization		<ul style="list-style-type: none">• Extend• Spoof• Custom
	IGMP		<ul style="list-style-type: none">• IGMP Proxy• IGMP Snooping
	Forwarding		<ul style="list-style-type: none">• Port Forwarding• Port Triggering

		<ul style="list-style-type: none">• UPnP• DMZ
	Firewall	<ul style="list-style-type: none">• SPI Firewall• DoS Protection• Block PING
	Application Layer Gateway	<ul style="list-style-type: none">• IPSec Passthrough• L2TP Passthrough• PPTP Passthrough• FTP Passthrough• TFTP Passthrough• H323 Passthrough• SIP Passthrough• RTSP Passthrough
Utilities	VPN Server	<ul style="list-style-type: none">• WireGuard• OpenVPN• IPsec• Zerotier• PPTP• L2TP
	VPN Client	<ul style="list-style-type: none">• OpenVPN Client (UL/DL): 22 / 24.7 Mbps• OpenVPN Server (UL/DL): 22 / 20.9 Mbps• WireGuard Client (UL/DL): 142 / 233.9 Mbps• WireGuard Server (UL/DL): 213 / 152 Mbps



	Max Concurrent VPN Tunnels	•IPSec: 20
		•PPTP/L2TP: 16
		•OpenVPN: 16
	DNS Options	•DNS over TLS
		•Manual DNS
		•Rebind Protection
		•Override Clients' DNS
	DNS over TLS Providers	•Cloudflare
		•Google
		•Quad9
		•Custom
	USB Functions	Samba Server
	Wake on LAN	True
	Online Detection	True
Management	All Devices Management	•Wi-Fi Time Schedule
		•MAC Filter
		•IP/MAC Binding
	Per-Devices Management	•Internet On/Off
		•VPN On/Off
		•Online Time Schedule
		•Device Rename
	Content Management	•Domain Filter
		•IP Filter
	AP Management	Captive Portal, Multi-SSID (Up to 4 SSIDs on each band)

System	Local Control Method	Config Web Page
	Remote Control Method	•Config Page via HTTPS
		•TR069/TR098/TR111/TR181
	Firmware Upgrade	Local Update
Reliability		Timed Reboot
		Backup and Restore
Diagnostic Tools		•Diagnosis
		•Ping
		•Traceroute
		•NSLookup
		•System Log
Dashboard	Panel	•Internet Status
		•WAN Status
		•LAN Status
		•VPN Status
		•DHCP Server Status
		•System Version
		•AP Management
System	Languages	•English •Bengali •Catalan •Czech •German
		•Greek •Spanish •French •Hebrew •Croatian
		•Hungarian •Italian •Japanese •Khmer
		•Korean •Dutch •Norwegian •Polish
		•Portuguese •Romanian •Russian •Slovak
		•Swedish •Thai •Turkish •Ukrainian
		•Vietnamese •Simplified Chinese